

RECEIVED

SEP 17 2002

TECH CENTER 1600/2900

# 11 SEP 1655  
PATENT

Case Docket No. DY0013.1A2CP1  
Date: September 9, 2002



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Arkowitz, et al.  
Appl. No. : 10/054,399  
Filed : January 21, 2002  
For : NUCLEOTIDE SEQUENCES  
AND PROTEIN SEQUENCES  
Examiner : Unknown  
Group Art Unit : 1655

) I hereby certify that this correspondence and all marked  
) attachments are being deposited with the United States  
) Postal Service as first class mail in an envelope addressed  
) to: United States Patent and Trademark Office, P.O. Box  
) 2327, Arlington, VA 22202, on

September 9, 2002

(Date)

*Catherine M. Sanders*  
Catherine M. Sanders, Reg. No. 50,660

TRANSMITTAL LETTER

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with fourteen (14) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

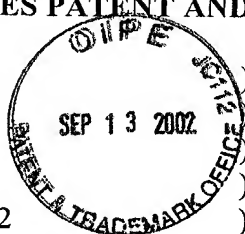
*Catherine M. Sanders*  
Catherine M. Sanders  
Registration No. 50,660  
Agent of Record

DYOU13.1A2CP1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Arkowitz, et al. ) Group Art Unit 1655  
App. No. : 10/054,399 )  
Filed : January 21, 2002 )  
For : NUCLEOTIDE SEQUENCES )  
AND PROTEIN SEQUENCES )  
Examiner : Unknown )



RECEIVED  
SEP 17 2002  
TECH CENTER 1600/2900

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,  
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Sept. 9, 2002

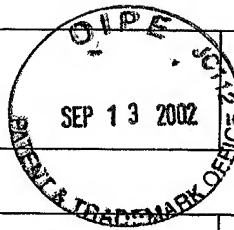
By: Catherine M. Sanders

Catherine M. Sanders  
Registration No. 50,660  
Agent of Record  
2040 Main Street  
Fourteenth Floor  
Irvine, CA 92614  
(949) 760-0404

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
DYOU13.1A2CP1APPLICATION NO.  
10/054,399INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Arkowitz et al.FILING DATE  
January 21, 2002GROUP  
1655

RECEIVED  
SEP 17 2002  
TECH CENTER 1600/2900

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER  
INITIAL

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

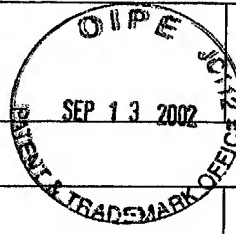
	Alessandra Eva et al., "The predicted DBL oncogene product defines a distinct class of transforming proteins," <i>Proc. Natl. Acad. Sci USA</i> , April 1988, Vol. 85, pp. 2061-2065
	Malcolm Whiteway, et al., "The STE4 and STE18 genes of yeast encode potential beta and gamma subunits of the mating factor receptor coupled G-protein," <i>Cell</i> , Vol. 56, February 10, 1989, pp. 467-477.
	Shigemi Miyamoto, et al., "Nucleotide sequence of the CLS4 (CDC24) gene of <i>Saccharomyces Cerevisiae</i> ," <i>Gen</i> , Vol. 54, January 1987, pp. 125-132.
	Richard A. Cerione et al., "The Dbl Family of oncogenes," <i>Current Opinion In Cell Biology</i> , Vol. 8, 1996, pp. 216-222.
	Laura M Machesky et al., "Rho: a connection between membrane receptor signalling and the cytoskeleton," <i>Trends in Cell Biology</i> , Vol. 6, August 1996, pp. 304-310.

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DYOU13.1A2CP1	APPLICATION NO. 10/054,399
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Arkowitz et al.	GROUP 1655
		FILING DATE January 21, 2002	



RECEIVED  
SEP 17 2002  
TECH CENTER 1600/2900

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Nicole Valtz et al., "FAR1 Is Required for Oriented Polarization of Yeast Cells in Response to Mating Pheromones," <i>The Journal of Cell Biol.</i> , Vol. 131, No. 4, November 1995, pp. 863-873.
	Fred Chang et al., "Identification of a Gene Necessary for Cell Cycle Arrest by a Negative Growth Factor of Yeast: FAR1 Is an Inhibitor of G1 Cyclin, CLN2," <i>Cell</i> , Vol. 63, November 30, 1990, pp. 999-1011.
	Matthias Peter et al., "FAR1 Links the Signal Transduction Pathway to the Cell Cycle Machinery in Yeast," <i>Cell</i> , Vol. 73, May 21, 1993, pp. 747-760.
	Matthew J. Hart et al., "Catalysis of guanine nucleotide exchange on the CDC42Hs protein by the <i>dbl</i> oncogene product," <i>Nature</i> , Vol. 354, November 28, 1991, pp. 311-314.
	Shigemi Miyamoto et al., "A <i>DLB</i> -Homologous Region of The Yeast <i>CLS4/CDC24</i> Gene Product Is Important for $Ca^{2+}$ -Modulated Bud Assembly," <i>Biochem. Biophys Res Commun.</i> Vol. 181, No. 2, December 16, 1991, pp. 604-610.
	Dina Ron et al., "A Region of Proto- <i>dbl</i> Essential for Its Transforming Activity Shows Sequence Similarity to a Yeast Cell Cycle Gene, <i>CDC24</i> , and the Human Breakpoint Cluster Gene, <i>bcr</i> ," <i>The New Biologist</i> , Vol. 3, No. 4, April 1991, pp. 372-379.
	Andrea Musacchio et al., "The PH domain: a common piece in the structural patchwork of signalling proteins," <i>Trends Biochem Sci</i> , Vol. 18, 1993, pp. 343-348.
	Zhuo-Shen Zhao et al., "Pheromone Signalling in <i>Saccharomyces cerevisiae</i> Requires the Small GTP-Binding Protein Cdc42p and Its Activator CDC24," <i>Mol. and Cell Biol.</i> , Vol. 15, No. 10, October 1995, pp. 5246-5257.
	Aljoscha Nern et al., "A GTP-exchange factor required for cell orientation," <i>Nature</i> , Vol. 391, 1998, pp. 195-198.

H:\DOCS\CMS\CMS-2991.DOC:jd  
090502

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	